

Converting Colors

$Y_{xy}(11.6991, 0.4692, 0.4392)$

Have a look what the booklet for
Yxy(11.6991, 0.4692, 0.4392)
contains.

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Color

Yxy(11.7227, 0.4681, 0.4394)

Conversions

Conversions Part 1

Format	Color
Hex	7F5918
RGB	127, 89, 24
RGB Percent	50%, 35%, 9%
CMY	0.5020, 0.6509, 0.9059
CMYK	0.00, 0.30, 0.81, 0.50
HSL	38°, 68%, 30%
HSV	38°, 81%, 50%
XYZ	12.4884, 11.7227, 2.4678
YIQ	92.9520, 43.5130, -12.1590

Conversions

Conversions Part 2

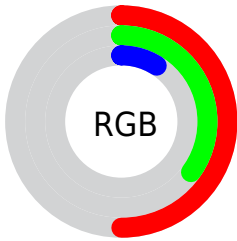
Format	Color
R_{YB}	84, 127, 24
Decimal	8345880
CIE Lab	40.77, 9.48, 41.28
CIE LCh	41, 42.358, 77.062
Yxy	11.7227, 0.4681, 0.4394
Android (android.graphics.Color)	4286535960 (0xFF7F5918)
YUV	92.9520, -33.9933, 29.8601
Hunter-Lab	34.2384, 5.1902, 19.6935

Details

The Yxy color **11.7227, 0.4681, 0.4394** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **5.1678, 0.1861, 0.1622**, and the grayscale version is **11.0077, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.0136, 0.4324, 0.4187**, and **3.2572, 0.5024, 0.4393** is the 20% darker color. If you saturate the color by 10%, you get **10.9274, 0.4854, 0.4417**, and if you desaturate by 10%, it is **12.5934, 0.4484, 0.4325**.

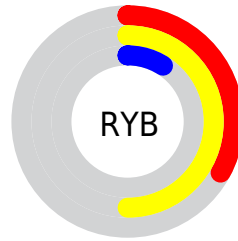
Distribution



Red (50%)

Green (35%)

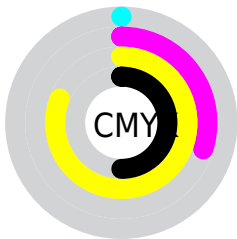
Blue (9%)



Red (33%)

Yellow (50%)

Blue (9%)

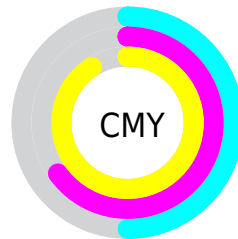


Cyan (0%)

Magenta (30%)

Yellow (81%)

Black (50%)



Cyan (50%)


Magenta (65%)

Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.7227, 0.4681, 0.4394 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 11.7227, 0.4681, 0.4394 by changing the saturation by 10% instead.


 11.7227, 0.4681,
0.4394


 11.7227, 0.4681,
0.4394


202.5607, 0.3776,
0.3799


 6.5552, 0.4922,
0.4511


 28.9890, 0.4330,
0.4185


 3.1855, 0.5308,
0.4692

 41.8566, 0.4203,
0.4102


 1.2293, 0.5464,
0.4536

 58.0597, 0.4098,
0.4031

 0.0855, 0.7854,
0.2146

 77.9826, 0.4012,
0.3970

 0.0000, 0.0000,
0.0000

 102.0098, 0.3939,
0.3918


 130.5256, 0.3876,


0.3873

 163.9144, 0.3823,
0.3834


 11.7227, 0.4681,
0.4394


 11.7227, 0.4681,
0.4394


 10.9274, 0.4854,
0.4417


 12.5934, 0.4484,
0.4325

 10.2726, 0.4998,
0.4414

 13.5417, 0.4273,
0.4219

 14.5716, 0.4059,
0.4085

 15.6864, 0.3850,
0.3934

 16.8888, 0.3650,
0.3775

■ 18.1816, 0.3465,
0.3614

■ 19.5675, 0.3296,
0.3457

■ 21.0487, 0.3143,
0.3306

■ 22.6276, 0.3006,
0.3164

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



11.7227, 0.4964, 0.3738



11.7227, 0.4681, 0.4394



11.7227, 0.4000, 0.4920

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



11.7227, 0.4681, 0.4394



11.7227, 0.1776, 0.3215



11.7227, 0.2879, 0.2117

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



11.7227, 0.4681, 0.4394



5.1678, 0.1861, 0.1622

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



11.7227, 0.2129, 0.1931



11.7227, 0.4681, 0.4394



11.7227, 0.1576, 0.2416

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



11.7227, 0.4681, 0.4394



11.7227, 0.2325, 0.4259



11.7227, 0.1697, 0.2011



11.7227, 0.3837, 0.2529

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



11.7227, 0.4681, 0.4394



11.7227, 0.3435, 0.5029



11.7227, 0.1697, 0.2011



11.7227, 0.2596, 0.2028

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



11.7233, 0.4681, 0.4394



31.7451, 0.3528, 0.3670



5.5281, 0.4795, 0.2654



7.2681, 0.3584, 0.3718



65.5931, 0.3127, 0.3290



8.8982, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



11.7233, 0.4681, 0.4394



18.4952, 0.4976, 0.4403



18.8849, 0.3959, 0.5045



4.7611, 0.3264, 0.3426



10.3593, 0.4998, 0.4413



0.0000, 0.0000, 0.0000

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



5.1678, 0.1861, 0.1622



6.4719, 0.1687, 0.1245



2.5599, 0.1760, 0.0922



4.4513, 0.2993, 0.3150



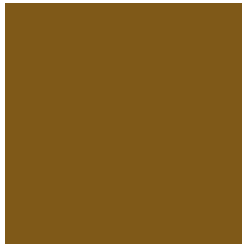
3.5795, 0.1675, 0.1228



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 11.7227, 0.4681, 0.4394 looks on a white background.

Color Contrast Check

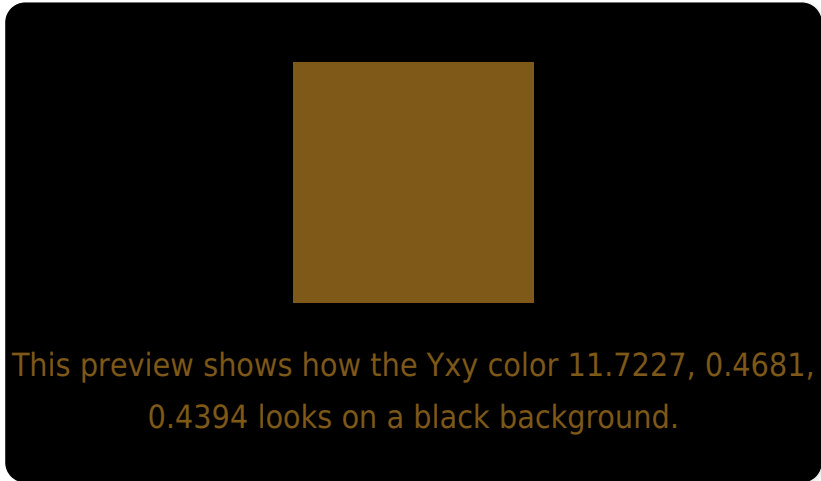
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

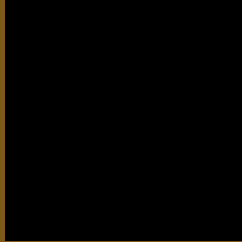
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 11.7227, 0.4681, 0.4394

Background



This preview shows how black text looks on a background with the Yxy color 11.7227, 0.4681, 0.4394.



This preview shows how white text looks on a background with the Yxy color 11.7227, 0.4681, 0.4394.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

11.7227, 0.4681, 0.4394

Protanopia

11.8121, 0.4232, 0.4696

Deuteranopia

11.7811, 0.4545, 0.4513



Tritanopia

11.7331, 0.3858, 0.3175

Trichromacy



Original Color

11.7227, 0.4681, 0.4394

Protanomaly

11.7204, 0.4401, 0.4586

Deuteranomaly

11.7550, 0.4594, 0.4476

Tritanomaly

11.6245, 0.4247, 0.3682

Monochromacy



Original Color

11.7227, 0.4681, 0.4394

Achromatopsia

10.9462, 0.3127, 0.3290

Achromatomaly

11.0749, 0.3712, 0.3844

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.7227, 0.4681, 0.4394 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(127, 89, 24)` looks like.

```
.text, #text, p{  
    color:rgb(127, 89, 24)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(127, 89, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 89, 24) }
```

Border

The CSS property to change the border of an element to Yxy 11.7227, 0.4681, 0.4394 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(127, 89, 24) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(127, 89, 24) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(127, 89, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 89, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 89, 24);  
box-shadow:4px 4px 4px 4px rgb(127, 89,  
24) }
```


Background

The CSS property to change the background color of an element to Yxy 11.7227, 0.4681, 0.4394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 89, 24) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(127, 89,  
24) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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